

Fig. 1A.

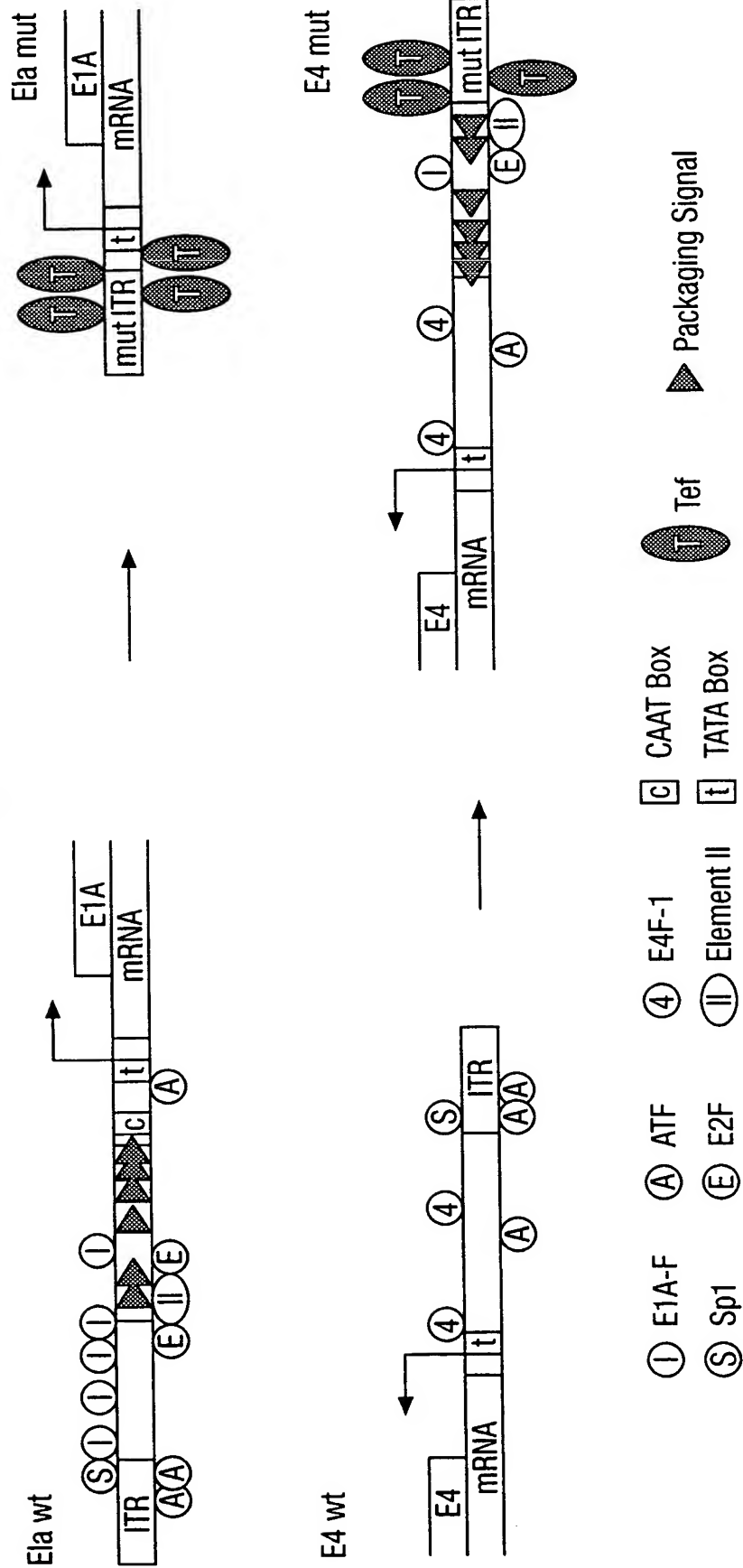


Fig.1B.

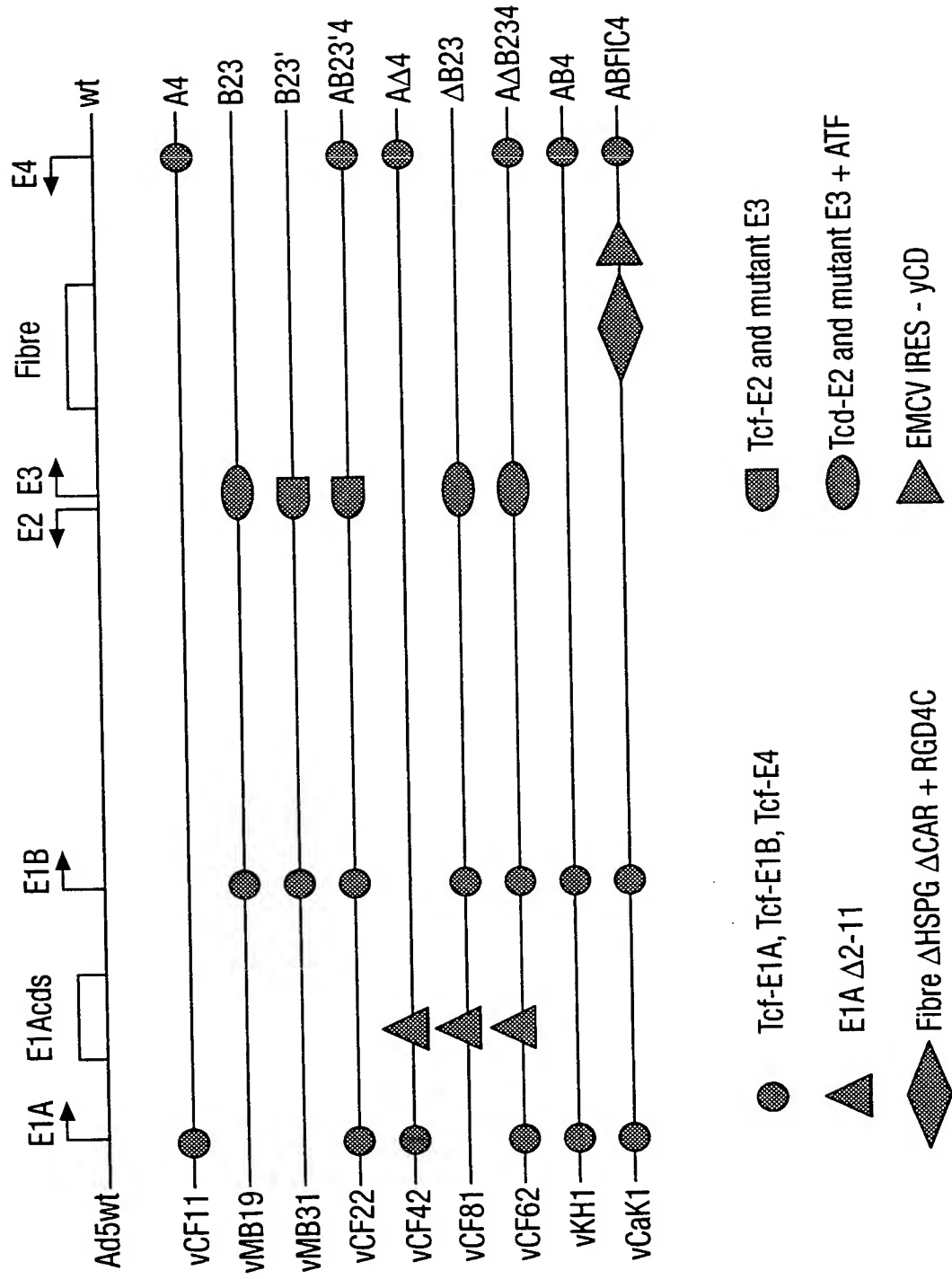


Fig.2.

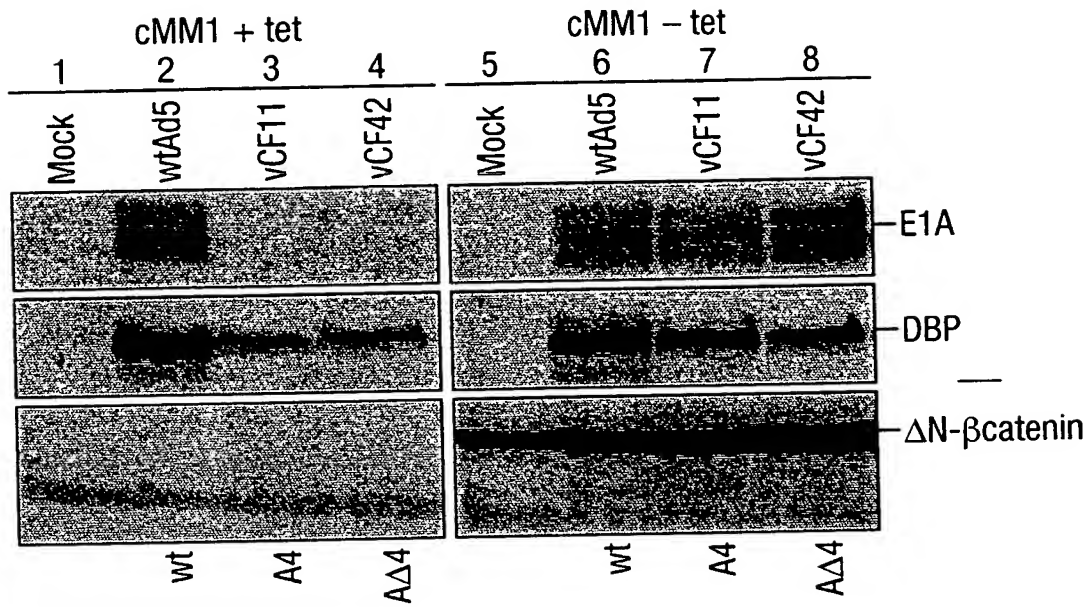


Fig.4.

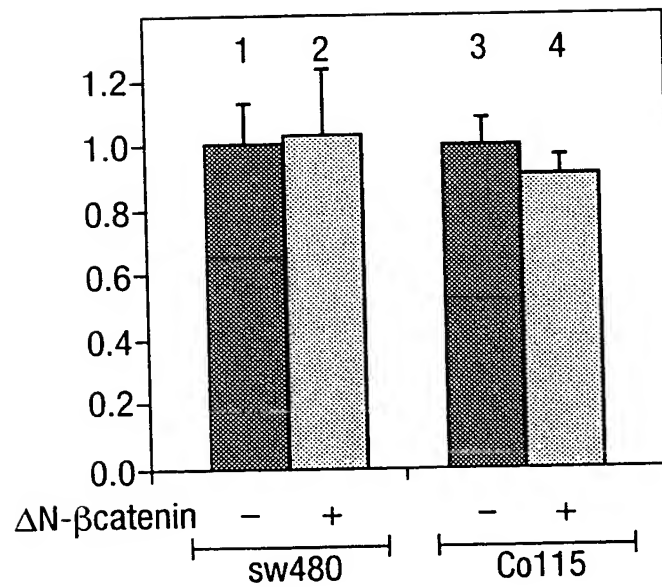


Fig.3.

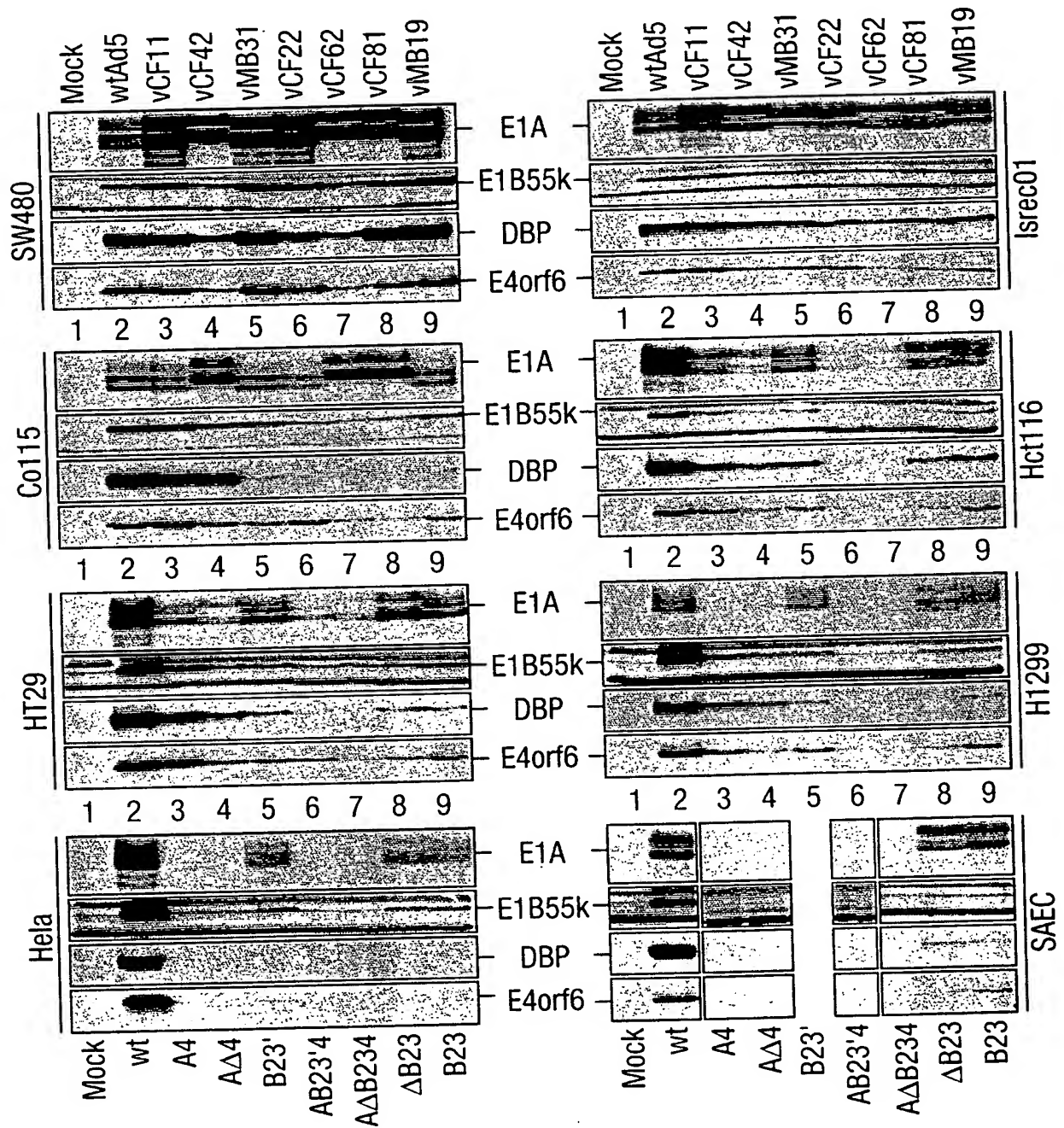


Fig.5A.

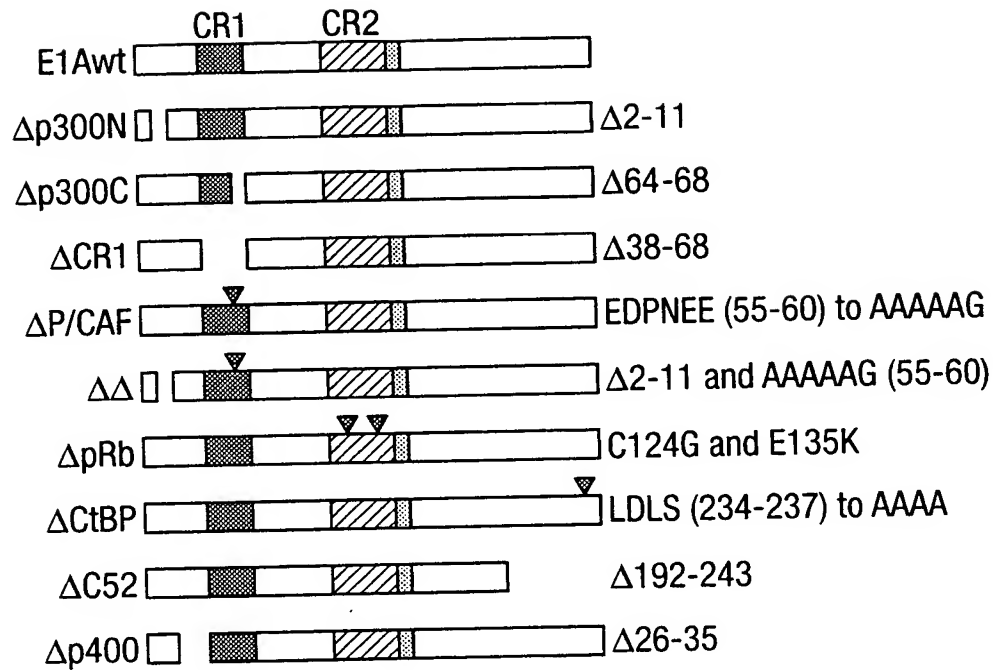


Fig.5B.

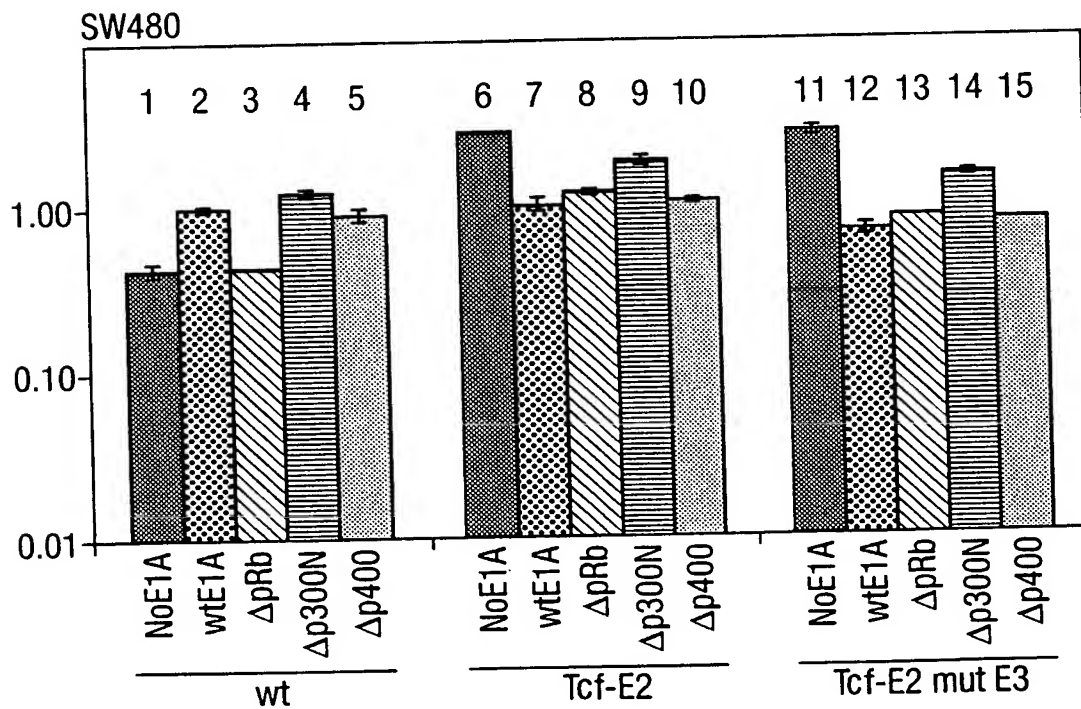


Fig.5C.

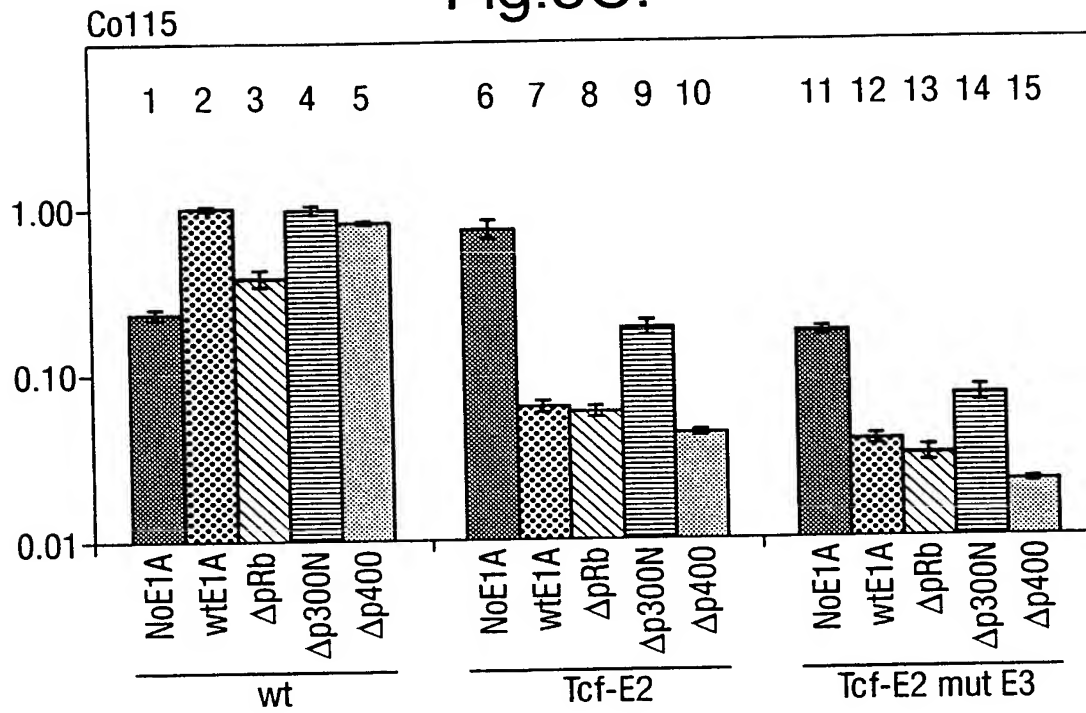


Fig.5D.

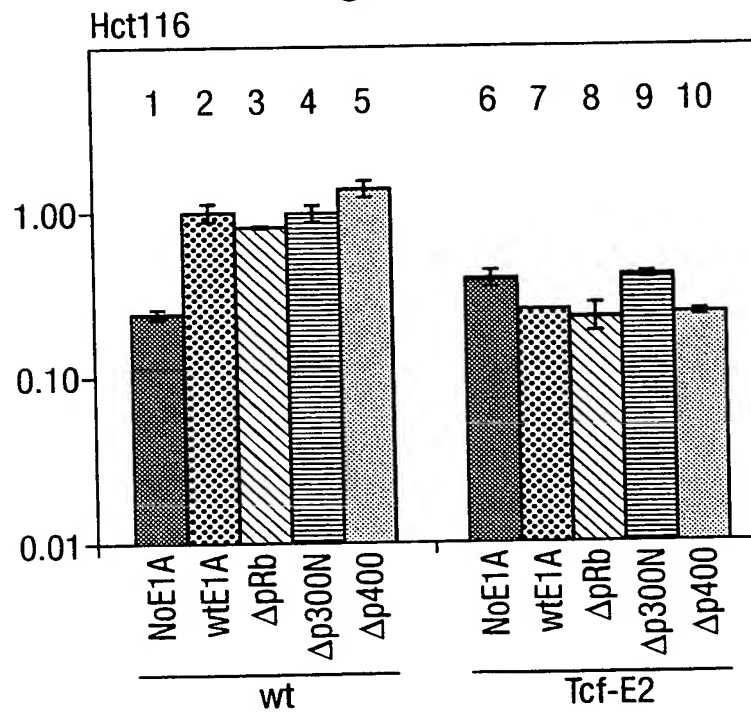


Fig.6A.

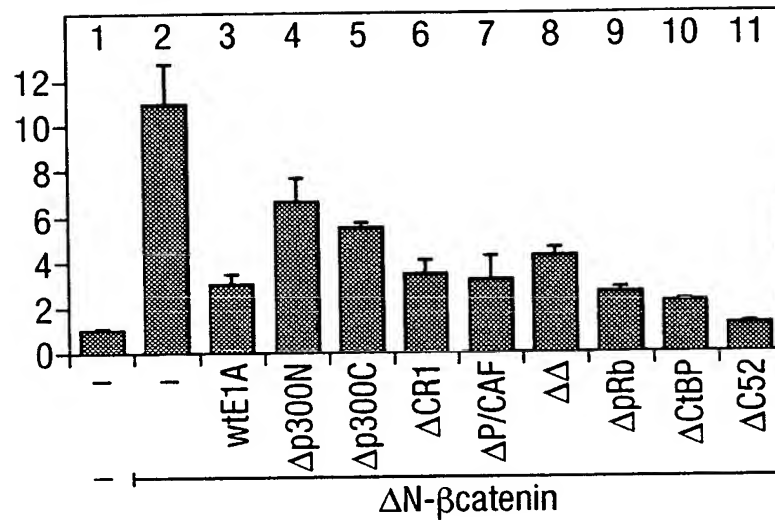


Fig.6B.

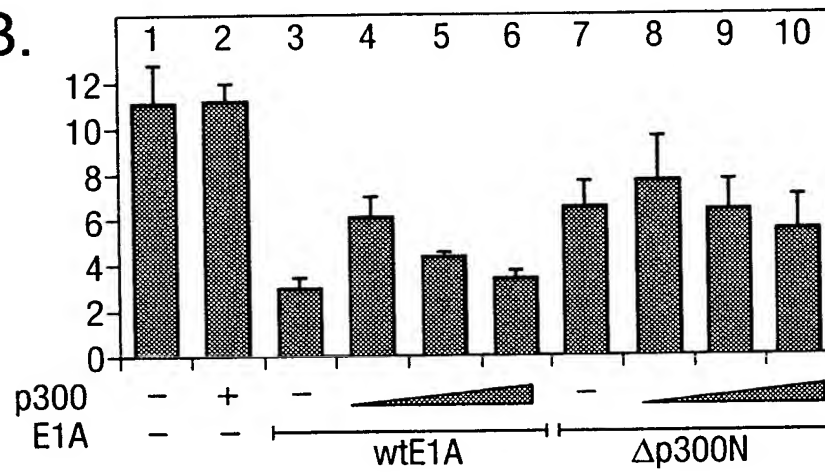


Fig.6C.

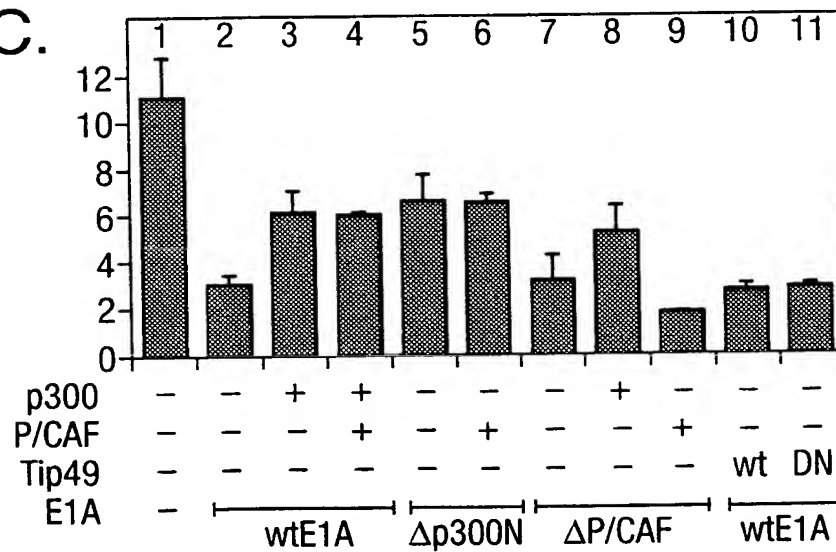


Fig.7A.

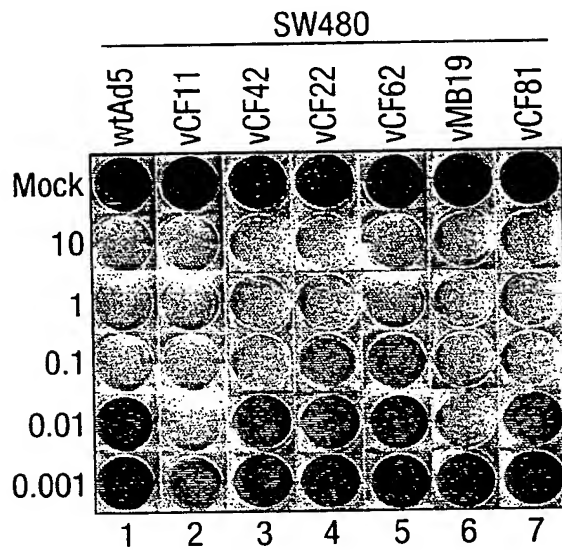


Fig.7B.

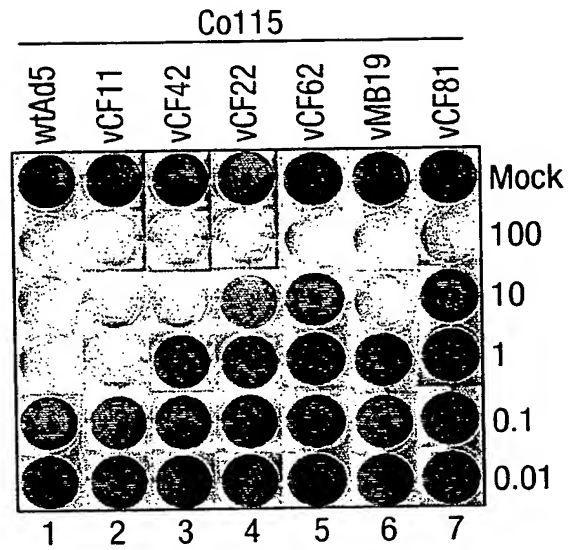


Fig.7C.

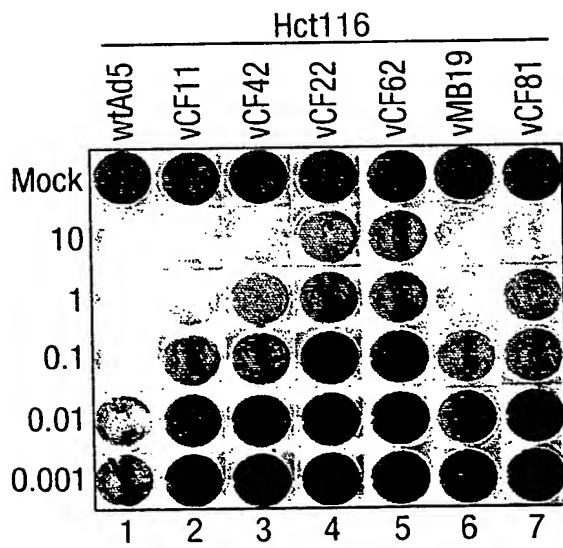


Fig.7D.

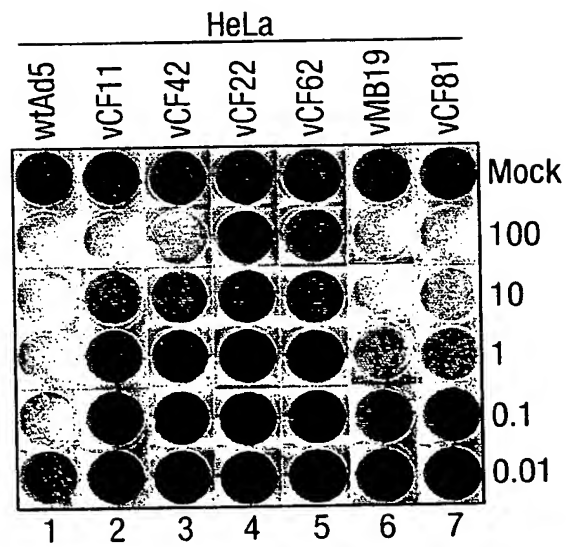
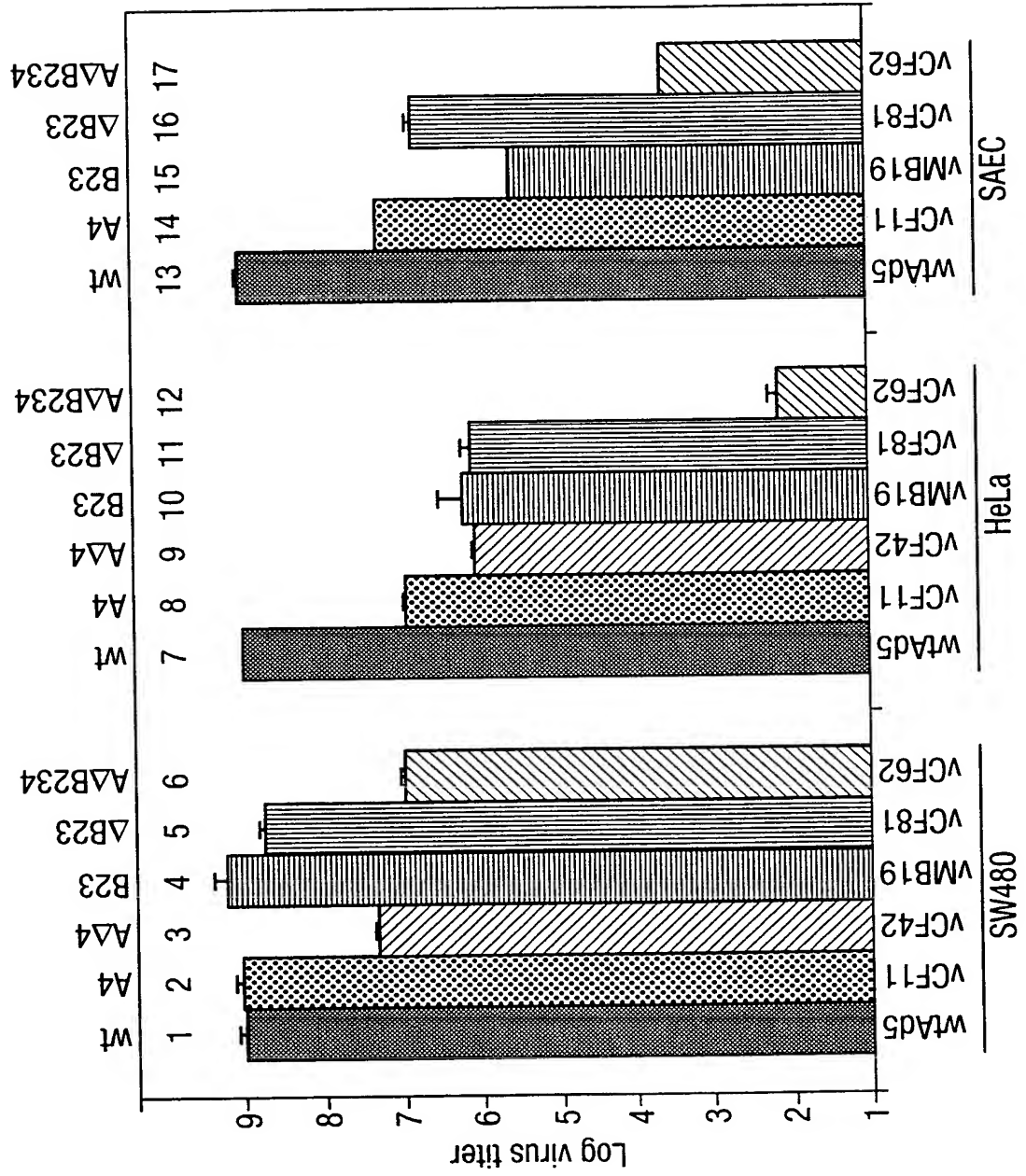


Fig.8.



E1A promoter

Region of max DNA replication

Sp1

ATF

wt CATCATCAATAATATACCTTATTTGGATTGAAGCCAATATGATAATGAGGGGTGGAGTTTGTGACGTGGCGCGGGCGGTG
 wt

Mut CATCATCAATAATACCTTATTTTGGATTGAAGCCAATATGATAATGAGGGGGTGGCCCTTTTGATCTTAATCCCTTTGATC

Tcf

ITR ->|

Spl ATF

E1A-F

E1A-F

WT GGAACGGGGCGGGTAGCTAGTGTGGCGGAAGTGTGATGTTGCCAAGTGTGGCGGAACACATGTAAAGCGACGGATGTGGC

Mut TGGATCCCCTTTGATCTCCCAACCCTTGTGATCTAGTC:::

Tcf Tcf

New ITR ->

E1A-F

E2F

E1A-F

wt AAAAGTGACGTTTTTGGTGTGCGCCCGGTGTACACAGGAAGTGACAAATTTTCGCCGGTTTTAGCGGATGTTGTAGTAAATT

[illegible]

Fig.9 (Cont).

```

<-      Enhancer II      ->
      AI      AII      E2F      E1A-F      AIV
Wt  TGGCGTAACCGAGTAAGATTGGCCATTTCGGGGAAACTGAATAAGAGGAAGTGAAATCTGAATAATTTTGTGTTACT
Mut  :::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

      AV      AVI      AVII
Wt  CATAGCGGTAATATTGTCTAGGGCCCGGGGACTTTGACCGTTTACGTGGAGACTCGCCCGAGGTGTTTTTCTCAGGTGTT
Mut  :::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

      ATF      TATA Box
Wt  TTCCGCGTTCGGGTCAAAGTTGGCGTTTATATATAGTCAGCTGACGTGTAGTGTAATTTATACCCGGTGAGTTCCTCAA
Mut  :::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

```

Fig.10.

E4 promoter

	Cap site	Tata Box	E4F1
Wt	GTCACAGTGTA	GGCCCAAGTGCAGAGCGAGTATATATAGGACTAAAAAATGACGTAACGGTTAAAGTCCACAAAAAA	
Mut	GTCACAGTGTA	GGCCCAAGTGCAGAGCGAGTATATATAGGACTAAAAAATGACGTAACGGTTAAAGTCCACAAAAAA	

ATF

Wt	CACCCAGAAAAACCGCACGCGAACCTACGCCCAGAAACGAAAGCCAAAAAACCACAACTTCCCTCAAAATCGTCAC	TTCCCGTTT
Mut	CACCCAGAAAAACCGCACGCGAACCTACGCCCAGAAACGAAAGCCAAAAAACCACAACTTCCCTCAAAATCGTCAC	TTCCCGTTT

12/14

E4F1

Wt	TCCCACGTTACGTCAC	TTCCCATTTTAAAGAAACTACAATTTCCCAACACATACAAAGTTACTCCGCCCTAAAC	::::::::::
Mut	TCCCACGTTACGTCAC	TTCCCATTTTAAAGAAACTACAATTTCACACTAGCAAAACACCTGGCGGAGTCTCCACGTAACGGT	AVII AVI

Wt	::::::::::	::::::::::	::::::::::
Mut	CAAAGTCCCGCGGCCCTAGACAAATATTACGCGCTATGAGTAACACAAATATTATTCAGATTTCACTTCCTCTTATTCAGTT	AV	AVI
			E1A-F

Fig.10 (Cont).

| <- ITR

ATF

Wt

Mut

.....:CTACGTCACCGCGCCCGTTCACGCGCCCGCG
Mut TTCCCGCGAAATGGCCAAATCTTACTCGGTTACGCCCAAATTACTAGTGGAGATCAAAGGGATCCAGATCAAAGGGA

E2F AII

AI

Tcf

Tcf

| <- New ITR

ATF Sp1 Region of max DNA replication

Wt

Mut

CCACGTCACAAACTCCACCCCTCATTTATCATATTTGGCTTCAATCCAAATAAGGTATATTATTTGATGATG
Mut TTAAGATCAAAGGGCCACCACCTCATTTATCATATTTGGCTTCAATCCAAATAAGGTATATTATTTGATGATG

Tcf

Fig.11.

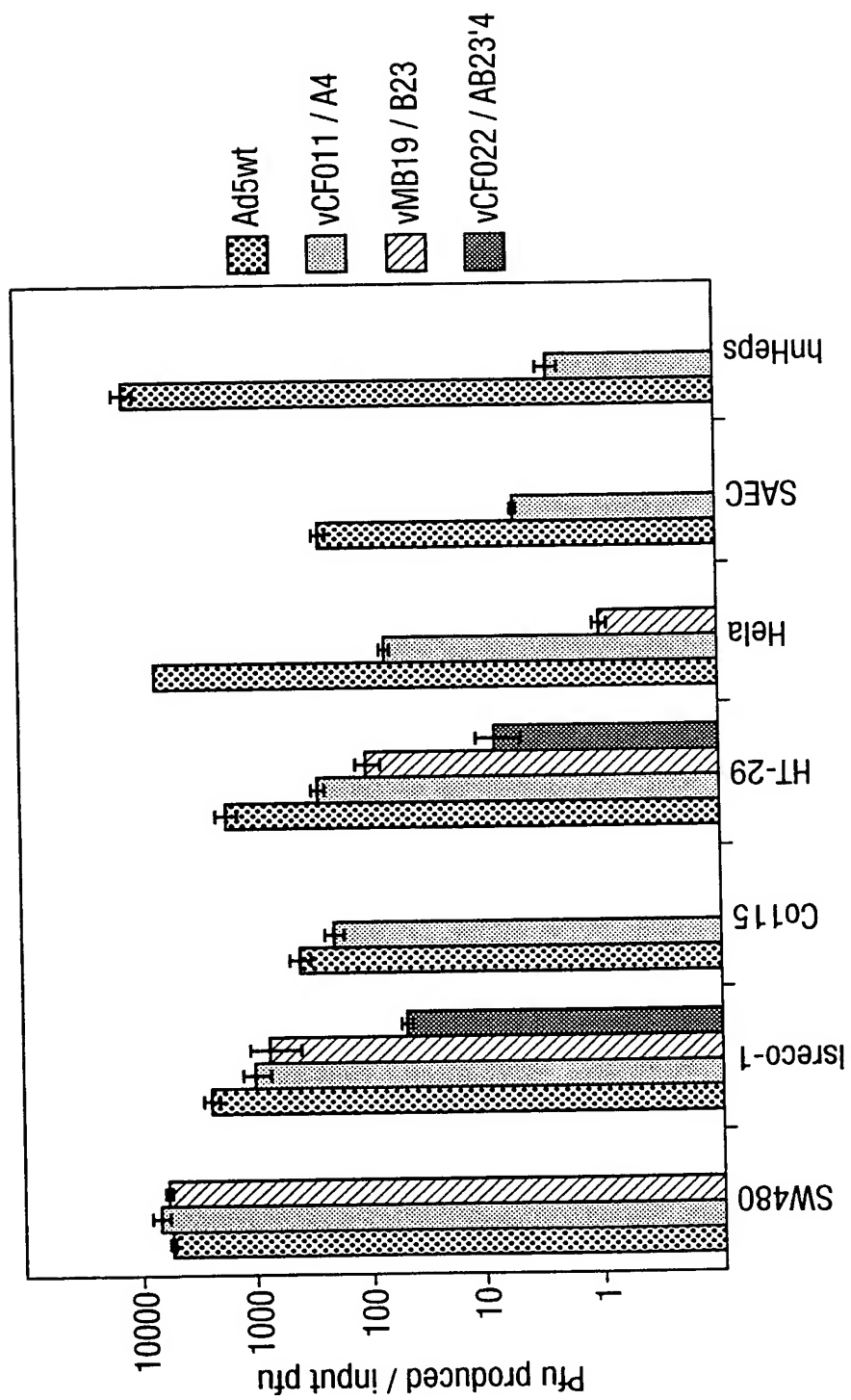
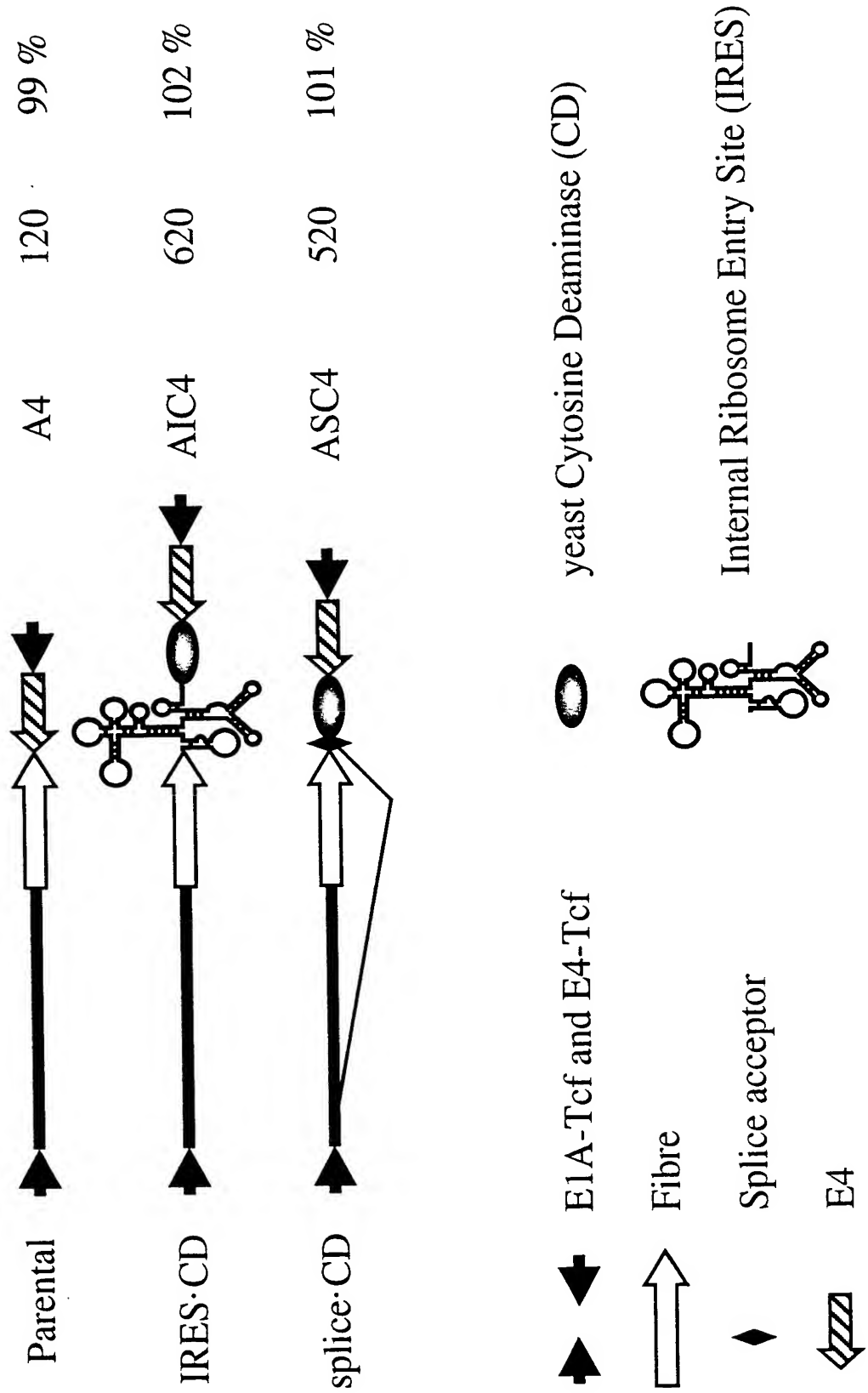


FIGURE 12



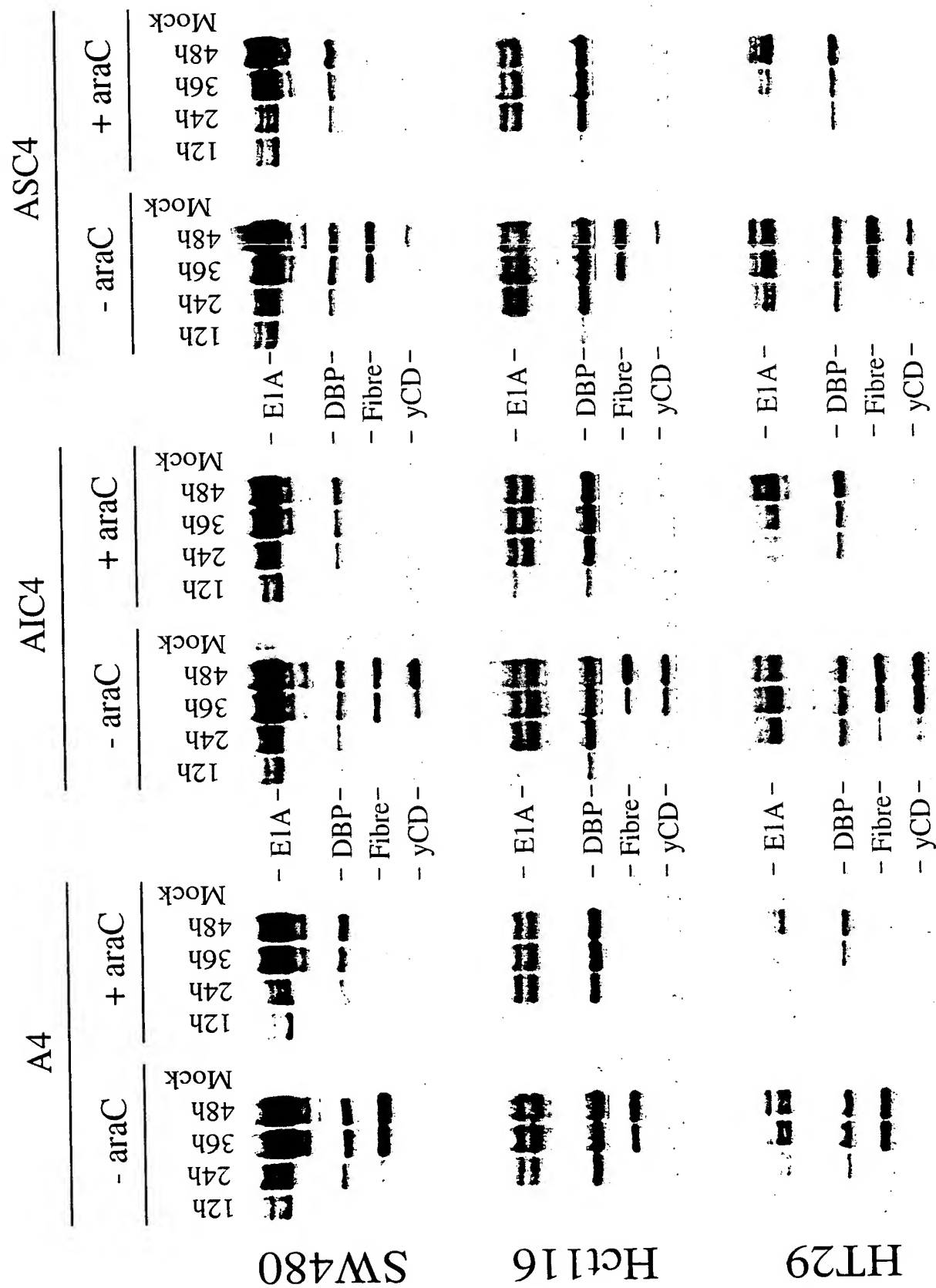


FIGURE 13

FIGURE 14

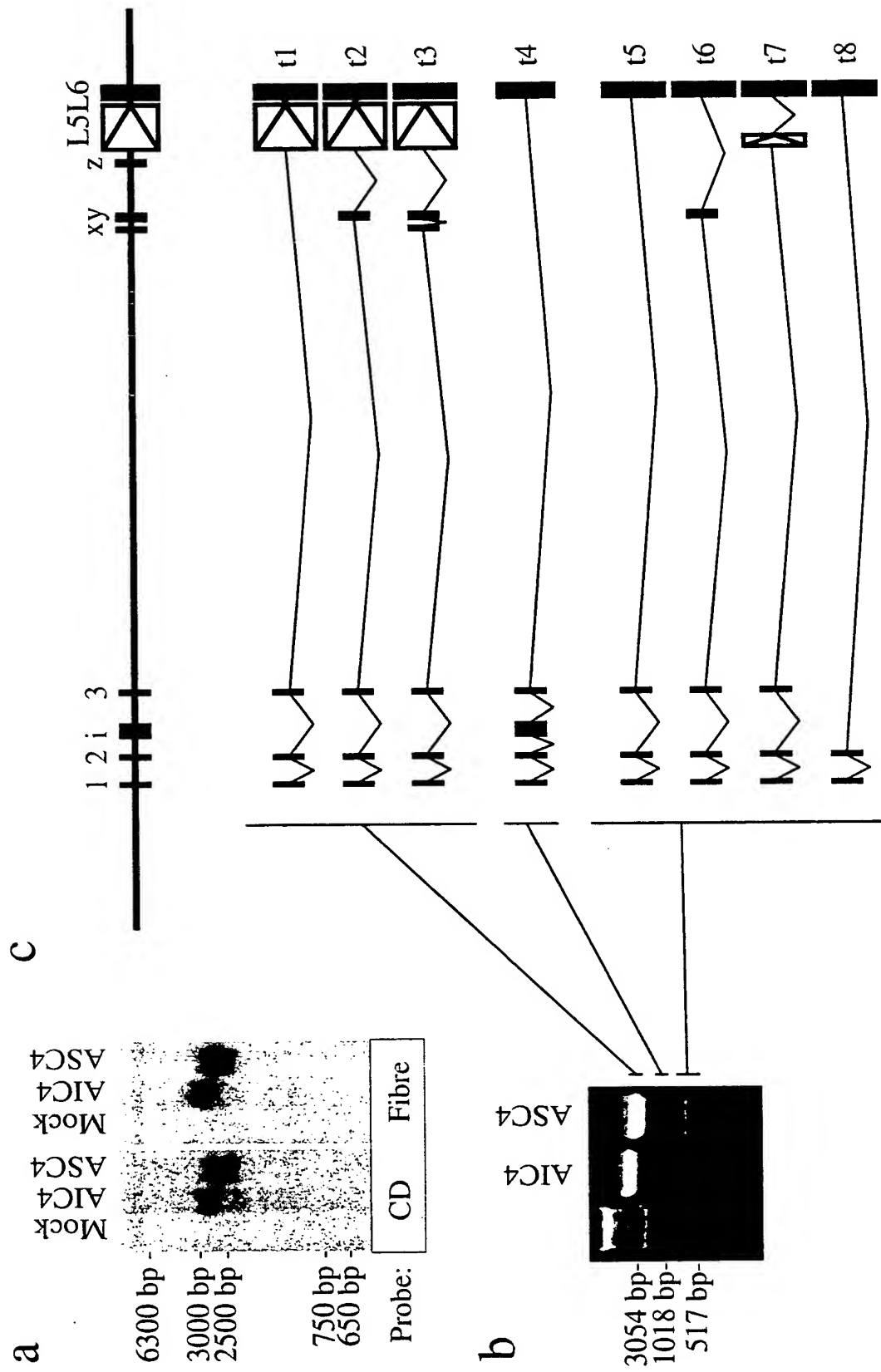


FIGURE 16

